

## **WHAT IS CLAIMED IS:**

1. A flue connection system for an appliance, the flue connection system comprising:
  - a flue connection member, the flue connection member defining a first aperture and including an extending member configured to be coupled to a flue duct;
  - an appliance connection member, the appliance connection member defining a second aperture, and the appliance connection member being configured to be attached to the appliance,
  - wherein the flue connection member and the appliance connection member are configured to be coupled to provide fluid communication between the appliance and the flue duct.
2. The flue connection system of claim 1, wherein the extending member defines the first aperture.
3. The flue connection system of claim 1, wherein the flue connection member has a plate portion.
4. The flue connection system of claim 1, wherein the appliance connection member has a plate portion.
5. The flue connection system of claim 3, wherein the plate portion of the flue connection member has a top surface and a bottom surface, and the extending member extends beyond the top surface and the bottom surface of the plate portion.
6. The flue connection system of claim 5, the appliance connection member comprising a seating member, wherein the seating member is positioned such that when the flue connection member is positioned on top of the appliance connection member, the

portion of the extending member that extends beyond the bottom surface of the plate portion of the flue connection member extends into the seating member.

7. The flue connection system of claim 3, the plate portion of the flue connection member comprising an opening, the appliance connection member comprising a tab that extends beyond a top surface of a plate portion of the appliance connection member, wherein the opening and the tab are positioned so that when the flue connection member is positioned on top of the appliance connection member, the tab extends into the opening.

8. The flue connection system of claim 3, wherein the appliance connection member comprises at least one latching member that is movably mounted, wherein the latching member is positioned so that when the flue connection member is positioned on top of the appliance connection member, the latching member can be moved so that it extends over a top surface of the flue connection member to couple the flue connection member to the appliance connection member.

9. The flue connection system of claim 1, wherein the appliance is a fireplace.

10. The flue connection system of claim 9, wherein the fireplace is a slant back type fireplace insert.

11. An appliance, the appliance comprising:  
a combustion chamber;  
a combustible source that produces exhaust gases;  
a vent system for venting exhaust gases from the combustion chamber to outside of the appliance, the vent system including a vent opening in the appliance; and  
a flue connection member, the flue connection member defining an aperture and including an extending member, and the flue connection member being configured to be coupled to a flue duct,

wherein the flue connection member is further configured to be coupled to the appliance to substantially align the aperture of the flue connection member with the vent opening of the vent system.

12. The flue connection system of claim 11 wherein the extending member defines the aperture.

13. The flue connection system of claim 11 wherein the flue connection member has a plate portion.

14. The flue connection system of claim 13 wherein the plate portion of the flue connection member has a top surface and a bottom surface, and the extending member extends beyond the top surface and the bottom surface of the plate portion.

15. The flue connection system of claim 14, the appliance comprising a seating member, wherein the seating member is positioned such that when the flue connection member is positioned in contact with the appliance, the portion of the extending member that extends beyond the bottom surface of the plate portion of the flue connection member extends into the seating member.

16. The flue connection system of claim 13, the plate portion of the flue connection member comprising an opening, the appliance comprising a tab that extending outward from the appliance, wherein the opening and the tab are positioned such that when the flue connection member is positioned in contact with the appliance, the tab extends into the opening.

17. The flue connection system of claim 13, wherein the appliance comprises at least one latching member that is movably mounted to the appliance, wherein the latching member is positioned such that when the flue connection member is positioned on top of

the appliance, the latching member can be moved so that it extends over a top surface of the flue connection member to couple the flue connection member to the appliance.

18. The flue connection system of claim 11, wherein the appliance is a fireplace.

19. The flue connection system of claim 18, wherein the fireplace is a slant back type fireplace insert.

20. A flue connection system for an appliance, the flue connection system comprising:

a flue connection member, the flue connection member defining an aperture and including an extending member, and the flue connection member being configured to be coupled to a flue duct,

wherein the flue connection member is further configured to be coupled to the appliance to substantially align the aperture of the flue connection member with a vent opening in the appliance.

21. The flue connection system of claim 20 wherein the extending member defines the aperture.

22. The flue connection system of claim 20 wherein the flue connection member has a plate portion.

23. The flue connection system of claim 22 wherein the plate portion of the flue connection member has a top surface and a bottom surface, and the extending member extends beyond the top surface and the bottom surface of the plate portion,

wherein the extending member that extends beyond the top surface is configured to be coupled to a flue duct and the extending member that extends beyond the bottom surface is configured to be coupled to an appliance.

24. The flue connection system of claim 20, wherein the appliance is a fireplace.
25. The flue connection system of claim 24, wherein the fireplace is a slant back type fireplace insert.